

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S1    | 1    | "20020109857".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/02/01<br>17:38 |
| S2    | 13   | ("5550637"  <br>"5825993"   "6084934"<br>  "6091515"  <br>"6094546"   "6233226"<br>  "6268925"  <br>"6542253"   "6594027"<br>  "6636327"  <br>"6701372"   "6742130"<br>  "6977945").PN. | US-PGPUB;<br>USPAT | OR               | ON      | 2007/08/07<br>11:43 |
| S3    | 107  | (power near (sav\$4<br>stor\$4) near mode)<br>same ((normal regular<br>same mode) same<br>printer   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/29<br>15:50 |
| S4    | 59   | (power near (sav\$4<br>stor\$4) near mode)<br>same ((normal regular<br>near mode) same<br>printer   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/29<br>15:52 |
| S5    | 1    | "6389554".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/29<br>15:53 |
| S6    | 16   | ack same nak same<br>printer  | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/30<br>09:44 |
| S7    | 131  | (configur\$4 control)<br>with (receiv\$4 near5<br>(speed rate)) with<br>(data information)<br>same (printer mfp fax<br>facsimile)   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/30<br>11:19 |
| S8    | 55   | (configur\$4 control)<br>near5 (receiv\$4 near5<br>(speed rate)) near5<br>(data information)<br>same (printer mfp fax<br>facsimile)   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/30<br>11:43 |

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| S9  | 28   | (configur\$4 control) near5 (receiv\$4 near5 speed) near5 (data information) same (printer mfp fax facsimile)   | US-PGPUB; USPAT | OR | ON | 2008/01/30 11:44 |
| S10 | 1    | ("6100995").URPN.   | USPAT           | OR | ON | 2008/01/30 11:47 |
| S11 | 2153 | 358/1.16.ccls.  | US-PGPUB; USPAT | OR | ON | 2008/02/01 17:38 |
| S12 | 131  | (configur\$4 control) with (receiv\$4 near5 (speed rate)) with (data information) same (printer mfp fax facsimile)  | US-PGPUB; USPAT | OR | ON | 2008/02/01 17:38 |
| S13 | 7    | S12 and S11   | US-PGPUB; USPAT | OR | ON | 2008/02/01 17:38 |
| S14 | 7503 | (receiv\$4 get\$4 download\$4 transfer\$4 transmit\$4) with (data information) with (transit\$4 chang\$4 shift \$4 phase) same print \$4  | US-PGPUB; USPAT | OR | ON | 2008/08/07 14:18 |
| S15 | 3674 | (receiv\$4 get\$4 download\$4 transfer\$4 transmit\$4) near5 (data information) near5 (transit\$4 chang \$4 shift\$4 phase) same print\$4   | US-PGPUB; USPAT | OR | ON | 2008/08/07 14:19 |
| S16 | 384  | (receiv\$4 get\$4 download\$4 transfer\$4 transmit\$4) near (data information) near (transit\$4 chang\$4 shift \$4 phase) with print\$4   | US-PGPUB; USPAT | OR | ON | 2008/08/07 14:20 |
| S17 | 10   | (receiv\$4 get\$4 download\$4 transfer\$4 transmit\$4) with (data information) with (transit\$4 chang\$4 shift \$4 phase) same print \$4 same (power near (sav\$4 stor\$4) near mode) same ((normal regular) same mode) | US-PGPUB; USPAT | OR | ON | 2008/08/07 14:21 |

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| S18 | 2   | ("5881335"   "6438334").PN.   | US-PGPUB; USPAT | OR | ON | 2008/08/07 14:24 |
| S19 | 11  | (processor controller cpu ((prcess\$4 controll \$4)) near (unit device)) near5 (off \$1state off\$1mode) same print\$4  | US-PGPUB; USPAT | OR | ON | 2009/01/31 18:13 |
| S20 | 17  | (processor controller cpu ((prcess\$4 controll \$4)) near (unit device)) same (off \$1state off\$1mode) same (power near sav \$4)   | US-PGPUB; USPAT | OR | ON | 2009/02/01 10:38 |
| S21 | 5   | (processor controller cpu ((prcess\$4 controll \$4)) near (unit device)) with (off \$1state off\$1mode) with (power near sav \$4)   | US-PGPUB; USPAT | OR | ON | 2009/02/01 10:38 |
| S22 | 2   | (print\$4 fax\$4 mfp) same (processor controller cpu ((prcess \$4 controll\$4)) near (unit device)) same (off \$1state off\$1mode) same (power near sav \$4)                                    | US-PGPUB; USPAT | OR | ON | 2009/02/01 10:44 |
| S23 | 114 | (processor controller cpu ((prcess\$4 controll \$4)) near (unit device)) same (off \$1state off\$1mode (off near mode) off) same (power near sav\$4) same (normal near mode)                    | US-PGPUB; USPAT | OR | ON | 2009/02/01 10:49 |
| S24 | 37  | (processor controller cpu ((prcess\$4 controll \$4)) near (unit device)) same (off \$1state off\$1mode (off near mode) off) same (power near sav\$4) same (normal near mode) and (print\$4 mfp) | US-PGPUB; USPAT | OR | ON | 2009/02/01 10:50 |

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| S25 | 11  | ("5386572"  <br>"5483353"   "5825992"<br>"5920727"  <br>"5987274"   "6639907"<br>  "6687382"  <br>"6718381"  <br>"6791572").PN. OR<br>("6925574").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/02/01<br>10:52 |
| S26 | 138 | (kazuhiro and satoh).<br>in.  | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:08 |
| S27 | 63  | (kazuhiro near satoh).<br>in.   | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:08 |
| S28 | 34  | (off\$1state off\$1mode<br>(off near mode) off)<br>same (power near sav<br>\$4) same (normal near<br>mode) same print\$4  | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:09 |
| S29 | 4   | S26 and S28   | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:09 |
| S30 | 0   | (processor controller<br>cpu ((process\$4 controll<br>\$4)) near (unit<br>device)) same (off<br>\$1state off\$1mode)<br>same (power near sav<br>\$4) same (normal near<br>mode) | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:31 |
| S31 | 3   | (processor controller<br>cpu ((process\$4<br>controll\$4)) near (unit<br>device)) same (off<br>\$1state off\$1mode)<br>same (power near sav<br>\$4) same normal                 | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:31 |
| S32 | 373 | (processor controller<br>cpu ((process\$4<br>controll\$4)) near (unit<br>device)) same off<br>same (power near sav<br>\$4) same normal  | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:32 |
| S33 | 31  | (processor controller<br>cpu ((process\$4<br>controll\$4)) near (unit<br>device)) same off<br>same (power near sav<br>\$4) same normal same<br>(print\$4 mfp)                   | US-PGPUB;<br>USPAT           | OR | ON | 2009/02/01<br>11:35 |

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| S34 | 33   | (processor controller cpu ((process\$4 controll\$4)) near (unit device)) same (off near (state mode)) same (power near sav \$4) same (normal near (state mode))                    | US-PGPUB; USPAT | OR | ON | 2009/02/01 11:46 |
| S35 | 6    | (processor controller cpu ((process\$4 controll\$4)) near (unit device)) same (off near (state mode)) same (power near sav \$4) same (normal near (state mode)) and (print\$4 mfp) | US-PGPUB; USPAT | OR | ON | 2009/02/01 11:49 |
| S36 | 12   | (print\$4 mfp) same (off near (state mode)) same (power near sav \$4) same (normal near (state mode))  | US-PGPUB; USPAT | OR | ON | 2009/02/01 11:55 |
| S37 | 6    | (processor cpu (process \$4 near unit)) near3 (off near (state mode)) same (power near sav \$4) same print\$4  | US-PGPUB; USPAT | OR | ON | 2009/06/30 16:29 |
| S38 | 1495 | (cpu processor (process \$4 near (device unit))) near5 (off inactive sleep) same print\$4  | US-PGPUB; USPAT | OR | ON | 2009/08/04 10:35 |
| S39 | 356  | (cpu processor (process \$4 near (device unit))) near5 (inactive ((off sleep) near (state mode))) same print\$4  | US-PGPUB; USPAT | OR | ON | 2009/08/04 10:36 |
| S40 | 12   | (cpu processor (process \$4 near (device unit))) near5 (power near sav \$4) near5 (inactive ((off sleep) near (state mode))) same print\$4   | US-PGPUB; USPAT | OR | ON | 2009/08/04 10:38 |
| S41 | 25   | (power near sav\$4) with (cpu processor (process\$4 near (device unit))) with (inactive ((off sleep) near (state mode))) same print\$4   | US-PGPUB; USPAT | OR | ON | 2009/08/04 10:42 |

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| S42 | 49  | (cpu processor (process \$4 near (device unit))) near5 (inactive ((off sleep) near (state mode))) same print\$4 same ((receive\$4 obtain \$4) near (data information))   | US-PGPUB; USPAT        | OR | ON | 2009/08/04 10:48 |
| S43 | 8   | ("5751925"   "5844813"   "6509975").PN. OR ("7057754").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/01 10:04 |
| S44 | 67  | (cpu processor (process \$4 near (device unit))) near5 (unavailable inactive ((off sleep) near (state mode))) same print\$4 same ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information))   | US-PGPUB; USPAT        | OR | ON | 2009/12/01 10:50 |
| S45 | 119 | (cpu processor (process \$4 near (device unit))) with (unavailable inactive ((off sleep\$4) near (state mode))) same print\$4 same ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information)) | US-PGPUB; USPAT        | OR | ON | 2009/12/01 11:02 |
| S46 | 61  | (cpu processor (process \$4 near (device unit))) with (unavailable inactive ((off sleep\$4) near (state mode))) with print\$4 with ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information)) | US-PGPUB; USPAT        | OR | ON | 2009/12/01 11:02 |

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| S47 | 12   | ((cpu processor (process\$4 near (device unit))) with (unavailable inactive ((off sleep\$4) near (state mode))) same print\$4 same ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information))). clm.    | US-PGPUB; USPAT        | OR | ON | 2009/12/01 11:07 |
| S48 | 17   | ("5276459"   "5325209"   "5416596"   "5469213"   "5581668"   "5596353"   "5636332"   "5666584"   "5751925").PN. OR ("5933581").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/01 11:13 |
| S49 | 15   | ("20030103656"   "20030233274"   "20050149364"   "5557748"   "5841981"   "5900026"   "5905900"   "5933581"   "5937148"   "6081663"   "6268925"   "6408395"   "6459496"   "6493100"   "6594767").PN. OR ("7158245").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/01 11:13 |
| S50 | 119  | (cpu processor (process\$4 near (device unit))) with (unavailable inactive ((off sleep\$4) near (state mode))) same print\$4 same ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information))            | US-PGPUB; USPAT        | OR | ON | 2009/12/01 11:53 |
| S51 | 2507 | 358/1.14.ccls.   | US-PGPUB; USPAT        | OR | ON | 2009/12/01 12:00 |
| S52 | 42   | ((cpu processor (process\$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) same print\$4) and S51  | US-PGPUB; USPAT        | OR | ON | 2009/12/01 12:01 |

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| S53 | 253 | (cpu processor (process \$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) with ((input\$4 retriev \$4 receiv\$4 obtain\$4) near (data imag\$4 information))   | US-PGPUB; USPAT | OR | ON | 2009/12/01 15:45 |
| S54 | 114 | (cpu processor (process \$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev \$4 receiv\$4 obtain\$4) near (data imag\$4 information))  | US-PGPUB; USPAT | OR | ON | 2009/12/01 15:45 |
| S55 | 0   | (cpu processor (process \$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev \$4 receiv\$4 obtain\$4) near (data imag\$4 information)) same (power near (sav\$4 stor\$4) near mode) same ((normal regular) same mode) | US-PGPUB; USPAT | OR | ON | 2009/12/02 10:52 |
| S56 | 6   | (cpu processor (process \$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev \$4 receiv\$4 obtain\$4) near (data imag\$4 information)) and (power near (sav\$4 stor\$4) near mode) same ((normal regular) same mode)  | US-PGPUB; USPAT | OR | ON | 2009/12/02 10:57 |



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| S57 | 9  | (cpu processor (process\$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information)) and (power near (sav\$4 stor\$4) near mode) and ((normal regular) same mode)                         | US-PGPUB; USPAT | OR | ON | 2009/12/02 11:37 |
| S58 | 11 | (cpu controller processor ((process\$4 control\$4) near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information)) and (power near (sav\$4 stor\$4) near mode) and ((normal regular) same mode) | US-PGPUB; USPAT | OR | ON | 2009/12/02 14:09 |
| S59 | 18 | (cpu controller processor ((process\$4 control\$4) near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information)) and (power near (sav\$4 stor\$4) near mode)                                  | US-PGPUB; USPAT | OR | ON | 2009/12/02 14:11 |

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| S60 | 195  | ((cpu controller processor ((process\$4 control\$4) near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information))) | US-PGPUB; USPAT | OR | ON | 2009/12/02 14:29 |
| S61 | 1376 | 713/324.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/12/04 11:29 |
| S62 | 274  | ((cpu controller processor ((process\$4 control\$4) near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode)))) and S61   | US-PGPUB; USPAT | OR | ON | 2009/12/04 11:33 |
| S63 | 214  | ((cpu processor (process\$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode)))) and S61   | US-PGPUB; USPAT | OR | ON | 2009/12/04 11:34 |
| S64 | 220  | ((cpu controller processor ((process\$4 control\$4) near (device unit))) near3 (unavailable inactive ((off sleep\$4) near (state mode)))) and S61   | US-PGPUB; USPAT | OR | ON | 2009/12/04 11:35 |
| S65 | 90   | ((cpu controller processor ((process\$4 control\$4) near (device unit))) near (unavailable inactive ((off sleep\$4) near (state mode)))) and S61  | US-PGPUB; USPAT | OR | ON | 2009/12/04 11:35 |

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| S66 | 8  | ((cpu processor (process\$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) with ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information))) and S61  | US-PGPUB; USPAT        | OR | ON | 2009/12/04 11:44 |
| S67 | 39 | ((cpu processor (process\$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) with (controller (control\$4 near (unit device)))) and S61   | US-PGPUB; USPAT        | OR | ON | 2009/12/04 12:26 |
| S68 | 19 | (cpu processor (process\$4 near (device unit))) near5 (unavailable inactive ((off sleep\$4) near (state mode))) near5 ((input\$4 retriev\$4 receiv\$4 obtain\$4) near (data imag\$4 information)) same (controller (control\$4 near (unit device))) | US-PGPUB; USPAT        | OR | ON | 2009/12/04 13:00 |
| S69 | 3  | ("5751925"   "5844813"   "6509975").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/04 13:01 |
| S70 | 4  | ("5751925"   "5844813"   "6509975").PN. OR ("7352486").URPN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/04 13:01 |

**EAST Search History (Interference)**

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**12/4/2009 2:26:09 PM****C:\Documents and Settings\vrudolph\My Documents\EAST\Workspaces\09975250.wsp**